



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5826

SERIAL NUMBER 10/736,602	FILING DATE 12/17/2003  RULE	CLASS 372	GROUP ART UNIT 2828	ATTORNEY DOCKET NO. 115917
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Michael A. Kneissl, Mountain View, CA;  
 Noble M. Johnson, Menlo Park, CA;  
 David K. Biegelsen, Portola Valley, CA;

\*\* CONTINUING DATA \*\*\*\*\* *Am G*  
*2/22/06*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 03/24/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>M. G. B.</i> Examiner's Signature Initials	STATE OR COUNTRY CA	SHEETS DRAWING 18	TOTAL CLAIMS 50	INDEPENDENT CLAIMS 6
------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------	-------------------------	-----------------------	----------------------------

ADDRESS  
 27074  
 OLIFF & BERRIDGE, PLC.  
 P.O. BOX 19928  
 ALEXANDRIA, VA  
 22320

TITLE  
 Grating-outcoupled cavity resonator having uni-directional emission

FILING FEE  RECEIVED 1568	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
------------------------------------	-------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------